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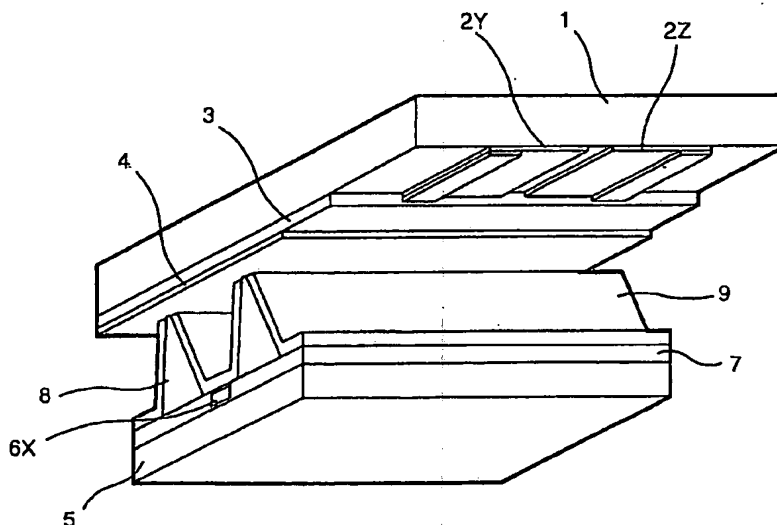
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(54) Title: GREEN PHOSPHOR AND PLASMA DISPLAY PANEL USING THE SAME



(57) Abstract: There is disclosed a green phosphor that is adaptive for improving its driving voltage and brightness characteristic, and at the same time, improving its color purity. A green phosphor according to an embodiment of the present invention includes a mixed phosphor composed of a first class phosphor of $Zn_2SiO_4:Mn$, a second class phosphor of at least one of $LaPO_4:Tb$, $Y_3Al_5(BO_3)_4Tb$, $Y(Al, Ga)_5O_{12}:Tb$, $YBO_3:Tb$, $(Y, Gd)BO_3:Tb$, and a third class phosphor of at least one of $BaAl_{12}O_{19}:Mn$, $BaAl_{14}O_{23}:Mn$, $Ba(Sr, Ma)AlO:Mn$, and the mixing rate of the third class phosphor to the total weight of the mixed phosphor is 1-25 wt %.

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